

Amendments to the Claims

1. (Currently amended) A nozzle ~~Nozzle~~ for washing a gas turbine unit (1) arranged to atomize a wash liquid in the air stream in an air intake (2) of said gas turbine unit (1) comprising a nozzle body (40), said nozzle body comprising:
an intake end (41) for intake of said wash liquid and outlet end (55) for exit of said wash liquid, ~~characterized in that~~ and a center axis;
a number of orifices (42, 46; 42, 46, 60) are connected to the outlet end (55) and
having respective orifice openings; wherein said ~~and in that~~ respective orifices (42, 46; 42, 46, 60) ~~is~~ are directed towards ~~a centre~~ said center axis (49) of ~~said nozzle body (40)~~ at a junction point (57) at a distance within a range of 5-30 cm from said orifice openings (43, 47; 43, 47, 61) and at an angle towards the center ~~centre~~ axis (49) so that the liquid emanating from respective orifice openings (43, 47; 43, 47, 61) is within an angle range of 0-80°.
2. (Currently Amended) The nozzle ~~Nozzle~~ according to claim 1, ~~characterized in that~~ wherein each of said orifices (42, 46; 42, 46, 60) is arranged at substantially the same distance from said center ~~centre~~ axis (49) and at substantially the same angle with respect to said center axis ~~that constitutes an extension of said centre axis (49).~~
3. (Currently Amended) The nozzle ~~Nozzle~~ according to claim 1 ~~or 2, characterized in that~~ the liquid pressure in wherein a pressure of said wash liquid at said orifices (42, 46; 42, 46, 60) is within the range of 35 – 175 bar.

4. (Currently Amended) The nozzle ~~Nozzle~~ according to claim 3, ~~characterized in that wherein~~ said orifice openings (43, 47; 43, 47, 61) are arranged to, in cooperation with said liquid pressure, cause said liquid to stream out with a liquid velocity in the range of 50 – 250 m/s.
5. (Currently Amended) The nozzle ~~Nozzle~~ according to ~~any one of preceding claims, characterized in that claim 1 wherein~~ each of said orifice openings (43, 47; 43, 47, 61) ~~has~~ have substantially the same design.
6. (Currently Amended) The nozzle ~~Nozzle~~ according to ~~any one of preceding claims, characterized in that claim 1 wherein~~ said orifices (42, 46; 42, 46, 60) are arranged to form a spray into a form in accordance with any one of from the group of substantially circular, substantially elliptical, or substantially rectangular.
7. (Currently Amended) The nozzle ~~Nozzle~~ according to ~~any one of preceding claims, characterized in that claim 1 wherein~~ two orifices (42, 46) are connected to said outlet end.
8. (Currently Amended) A method ~~Method~~ for washing a gas turbine unit (1) comprising ~~the step of~~ :

atomizing a wash liquid in an air intake (2) of said gas turbine unit (1) by using a nozzle (54), said nozzle comprising a nozzle body (40) comprising an intake end (41) for intake of said wash liquid, and an outlet end (55) for exit of said wash liquid, and a number of orifices connected to said outlet end, said orifices having orifice openings ~~characterized by the step of~~;

producing said atomized wash liquid by delivering said liquid to ~~a number of~~ said orifices ~~(42, 46; 42, 46, 60)~~ connected to said outlet end, ~~(55)~~, wherein respective said orifices are ~~(42, 46; 42, 46, 60)~~ is directed towards a center ~~centre~~ axis ~~(49)~~ of said nozzle body ~~(40)~~ at a junction point ~~(57)~~ at a distance within a range of 5-30 cm from said orifice openings ~~(43, 47; 43, 47, 61)~~ and at an angle towards the center ~~centre~~ axis ~~(49)~~ so that the liquid emanating from respective orifice opening ~~(43, 47; 43, 47, 61)~~ is within an angle range of 0-80°.

9. (Currently amended) The method ~~Method~~ according to claim 8, ~~characterized by the step of directing the liquid emanating from the each of the orifices (42, 46; 42, 46, 60) against said axis that constitutes an extension of said centre axis (49) with substantially the same angle by arranging each of~~ wherein said orifices (42, 46; 42, 46, 60) are disposed at substantially the same distance from said center ~~centre~~ axis ~~(49)~~ and at substantially the same angle with respect to said axis that ~~constitutes an extension of said centre axis (49) and at substantially the same angle with respect to said axis that constitutes an extension of said centre axis (49).~~
10. (Currently amended) The method ~~Method~~ according to ~~any one of the claims 8 or 9, characterized in that the~~ claim 8 wherein said delivering said liquid to said orifices comprises delivering said liquid to said orifices at a liquid pressure in ~~said orifices (42, 46; 42, 46, 60) is within the range of 35 – 175 bar.~~

11. (Currently amended) The method ~~Method~~ according to ~~any one of the claims 8-10,~~
~~characterized in that~~ claim 10 wherein said orifice openings ~~(43, 47; 43, 47,~~
~~61)~~ are arranged to, in cooperation with said liquid pressure, cause said liquid to
stream out with a liquid velocity in the range of 50 – 250 m/s.
12. (Currently amended) The method ~~Method~~ according to ~~any one of the claims 8-11,~~
~~characterized in that each of~~ claim 8 wherein said orifice openings ~~(43, 47;~~
~~43, 47, 61)~~ has have substantially the same design.
13. (Currently amended) The method ~~Method~~ according to ~~any one of the claims 8-12,~~
~~characterized in that~~ claim 8 wherein said orifices ~~(42, 46; 42, 46, 60)~~ are
arranged to form a spray into a form in accordance with any one of from the group
of substantially circular, substantially elliptical, or substantially rectangular.
14. (Currently amended) The method ~~Method~~ according to ~~any one of the claims 8-13,~~
~~characterized in that~~ claim 8 wherein two orifices ~~(42, 46)~~ are connected to
said outlet end.
15. (Currently amended) A washing ~~Washing~~ device for washing a gas turbine unit (1)
comprising at least one nozzle arranged to atomize a wash liquid in the air stream
in an air intake (2) of said gas turbine unit (1) comprising a nozzle body (40), said
nozzle body comprising:
an intake end (41) for intake of said wash liquid and outlet end (55) for exit of
said wash liquid, ~~characterized in that~~ and a center axis;
~~said at least one nozzle comprises a number of orifices (42, 46; 42, 46, 60) are~~
connected to the outlet end (55) and having respective orifice openings;

wherein said ~~and in that~~ respective orifices ~~(42, 46; 42, 46, 60)~~ is are directed towards ~~[[a]] said center~~ centre axis ~~(49) of said nozzle body (40)~~ at a junction point ~~(57)~~ at a distance within a range of 5-30 cm from said orifice openings { ~~43, 47; 43, 47, 61~~ } and at an angle towards the center ~~centre~~ axis ~~(49)~~ so that the liquid emanating from respective orifice openings ~~(43, 47; 43, 47, 61)~~ is within an angle range of 0-80°.

16. (Currently amended) The washing ~~Washing~~ device according to claim 15, ~~comprising at least one nozzle according to any one of claims 2-7~~ wherein each of said orifices is arranged at substantially the same distance from said center axis and at substantially the same angle with respect to said center axis.
17. (New) The washing device of claim 15 wherein a pressure of said wash liquid at said orifices is within the range of 35 – 175 bar.
18. (New) The washing device of claim 17 wherein said orifice openings are arranged to, in cooperation with said pressure, cause said liquid to stream out with a liquid velocity in the range of 50 – 250 m/s.
19. (New) The washing device of claim 15 wherein each of said orifice openings have substantially the same design.
20. (New) The washing device of claim 15 wherein said orifices are arranged to form a spray into a form in accordance with any one of from the group of substantially circular, substantially elliptical, or substantially rectangular.